

Refine Search

Search Results -

Terms	Documents
"training set" near "image data"	5

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L13 and preprocess

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Search History

DATE: Wednesday, February 23, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L13</u>	"training set" near "image data"	5	<u>L13</u>
<u>L12</u>	5,999,639.pn.	2	<u>L12</u>
<u>L11</u>	6,115,488.pn.	2	<u>L11</u>
<u>L10</u>	L6 and training near test	17	<u>L10</u>
<u>L9</u>	L6 training near test	1121	<u>L9</u>
<u>L8</u>	L6 and "training" near "image"	1	<u>L8</u>
<u>L7</u>	L6 and "training set" near "image data"	1	<u>L7</u>
<u>L6</u>	706/16.ccls.	295	<u>L6</u>
<u>L5</u>	5,479,573.pn.	2	<u>L5</u>
<u>L4</u>	5,729,661.pn.	2	<u>L4</u>
<u>L3</u>	5,842,189.pn.	2	<u>L3</u>
<u>L2</u>	10/017,015	2	<u>L2</u>
<u>L1</u>	10/016,616	1	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20020165837 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 1

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	
Carls, Garry	Tybee Island	GA	US	
Guberman, Sheliya	Saratoga	CA	US	

US-CL-CURRENT: 706/16; 382/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L6 and "training set" near "image data"	1

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5751910 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 1

File: USPT

May 12, 1998

US-PAT-NO: 5751910

DOCUMENT-IDENTIFIER: US 5751910 A

**** See image for Certificate of Correction ****

TITLE: Neural network solder paste inspection system

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bryant; Steven M.	Holley	NY		
Loewenthal; Kenneth H.	Reston	VA		

US-CL-CURRENT: 706/2; 382/145, 382/147, 382/157, 382/159, 706/16, 706/23, 706/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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Terms	Documents
L6 and "training" near "image"	1

Display Format:

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Search Results - Record(s) 1 through 17 of 17 returned.

☐ 1. Document ID: US 20040236708 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 17

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040236708

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040236708 A1

TITLE: Cranial remodeling device database

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Littlefield, Timothy R.	Goodyear	AZ	US	
Pomatto, Jeanne K.	Scottsdale	AZ	US	

US-CL-CURRENT: 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 2. Document ID: US 20040230545 A1

L10: Entry 2 of 17

File: PGPB

Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040230545

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040230545 A1

TITLE: Method and apparatus for producing three dimensional shapes

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Littlefield, Timothy R.	Goodyear	AZ	US	
Pomatto, Jeanne K.	Scottsdale	AZ	US	
Kechter, George E.	Peoria	IL	US	

US-CL-CURRENT: 706/16; 703/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040186815 A1

L10: Entry 3 of 17

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040186815

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040186815 A1

TITLE: Method for accommodating missing descriptor and property data while training neural network models

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stockfisch, Thomas P.	Escondido	CA	US	

US-CL-CURRENT: 706/16; 706/21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030140021 A1

L10: Entry 4 of 17

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030140021

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030140021 A1

TITLE: Method and system for remote electronic monitoring and mentoring of computer assisted performance support

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ryan, Michael	Bridgewater	NJ	US	
Methra, Munish	Gaithersburg	MD	US	
Wizemann, Michael	Bridgewater	NJ	US	

US-CL-CURRENT: 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20020165837 A1

L10: Entry 5 of 17

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	
Carls, Garry	Tybee Island	GA	US	
Guberman, Shelija	Saratoga	CA	US	

US-CL-CURRENT: 706/16; 382/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D
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☐ 6. Document ID: US 20020128989 A1

L10: Entry 6 of 17

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128989
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020128989 A1

TITLE: Device and method for generating a classifier for automatically sorting objects

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thess, Michael	Chemnitz		DE	
Griebel, Michael	Bonn		DE	
Garke, Jochen	Bonn		DE	

US-CL-CURRENT: 706/16; 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D
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☐ 7. Document ID: US 6810368 B1

L10: Entry 7 of 17

File: USPT

Oct 26, 2004

US-PAT-NO: 6810368
DOCUMENT-IDENTIFIER: US 6810368 B1

TITLE: Mechanism for constructing predictive models that allow inputs to have

missing values

DATE-ISSUED: October 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pednault; Edwin Peter Dawson	Cortlandt Manor	NY		

US-CL-CURRENT: 703/2; 706/16, 706/25, 706/52

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 8. Document ID: US 6760715 B1

L10: Entry 8 of 17

File: USPT

Jul 6, 2004

US-PAT-NO: 6760715

DOCUMENT-IDENTIFIER: US 6760715 B1

TITLE: Enhancing biological knowledge discovery using multiples support vector machines

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barnhill; Stephen	Savannah	GA		
Guyon; Isabelle	Berkeley	CA		
Weston; Jason	New York	NY		

US-CL-CURRENT: 706/16; 706/12, 706/20, 706/25, 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 9. Document ID: US 6714925 B1

L10: Entry 9 of 17

File: USPT

Mar 30, 2004

US-PAT-NO: 6714925

DOCUMENT-IDENTIFIER: US 6714925 B1

TITLE: System for identifying patterns in biological data using a distributed network

DATE-ISSUED: March 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barnhill; Stephen	Savannah	GA		
Guyon; Isabelle	Berkeley	CA		

Weston; Jason

New York

NY

US-CL-CURRENT: 706/48; 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 10. Document ID: US 6704717 B1

L10: Entry 10 of 17

File: USPT

Mar 9, 2004

US-PAT-NO: 6704717

DOCUMENT-IDENTIFIER: US 6704717 B1

TITLE: Analytic algorithm for enhanced back-propagation neural network processing

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tate; Brian Don	Escondido	CA		

US-CL-CURRENT: 706/15; 706/16, 706/25, 706/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 11. Document ID: US 6324531 B1

L10: Entry 11 of 17

File: USPT

Nov 27, 2001

US-PAT-NO: 6324531

DOCUMENT-IDENTIFIER: US 6324531 B1

TITLE: System and method for identifying the geographic origin of a fresh commodity

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Kim A.	Troy	ID		
Smith; Brian	Troy	ID		
Magnuson; Bernadene	Moscow	ID		

US-CL-CURRENT: 706/15; 356/73, 382/110, 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 12. Document ID: US 6301573 B1

L10: Entry 12 of 17

File: USPT

Oct 9, 2001

US-PAT-NO: 6301573
DOCUMENT-IDENTIFIER: US 6301573 B1

TITLE: Recurrent training system

DATE-ISSUED: October 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McIlwaine; John C. C.	Roswell	GA		
McConnell; Matthew G. A.	Duluth	GA		

US-CL-CURRENT: 706/61; 706/16, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Abstracts	Claims	KMC	Draw. De
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☐ 13. Document ID: US 5907834 A

L10: Entry 13 of 17

File: USPT

May 25, 1999

US-PAT-NO: 5907834
DOCUMENT-IDENTIFIER: US 5907834 A

TITLE: Method and apparatus for detecting a presence of a computer virus

DATE-ISSUED: May 25, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kephart; Jeffrey Owen	Yorktown Heights	NY		
Sorkin; Gregory Bret	New York	NY		
Tesauro; Gerald James	Croton-on-Hudson	NY		
White; Steven Richard	New York	NY		

US-CL-CURRENT: 706/20; 706/14, 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Abstracts	Claims	KMC	Draw. De
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☐ 14. Document ID: US 5870728 A

L10: Entry 14 of 17

File: USPT

Feb 9, 1999

US-PAT-NO: 5870728
DOCUMENT-IDENTIFIER: US 5870728 A

TITLE: Learning procedure for multi-level neural network

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yatsuzuka; Youtaro	Kanagawa			JP
Enomoto; Masaru	Saitama			JP

US-CL-CURRENT: 706/25; 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 15. Document ID: US 5835901 A

L10: Entry 15 of 17

File: USPT

Nov 10, 1998

US-PAT-NO: 5835901

DOCUMENT-IDENTIFIER: US 5835901 A

TITLE: Perceptive system including a neural network

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Duvoisin, III; Herbert	Orlando	FL		
Beck; Hal E.	Knoxville	TN		
Brown; Joe R.	Austin	TX		
Bower; Mark	Winder Park	FL		

US-CL-CURRENT: 706/19; 706/16, 706/25, 706/31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 16. Document ID: US 5809490 A

L10: Entry 16 of 17

File: USPT

Sep 15, 1998

US-PAT-NO: 5809490

DOCUMENT-IDENTIFIER: US 5809490 A

TITLE: Apparatus and method for selecting a working data set for model development

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guiver; John P.	Pittsburgh	PA		
Klimasauskas; Casimir C.	Sewickley	PA		

US-CL-CURRENT: 706/16; 706/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 17. Document ID: US 5317676 A

L10: Entry 17 of 17

File: USPT

May 31, 1994

US-PAT-NO: 5317676

DOCUMENT-IDENTIFIER: US 5317676 A

TITLE: Apparatus and method for facilitating use of a neural network

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Austvold; Shawn M.	Rochester	MN		
Bigus; Joseph P.	Rochester	MN		
Henckel; Jonathan D.	Rochester	MN		
Hospers; Paul A.	Rochester	MN		

US-CL-CURRENT: 706/44; 706/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Ds
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L6 and training near test

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040013303 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 5

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040013303

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040013303 A1

TITLE: Facial classification of static images using support vector machines

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lienhart, Rainer W.	Santa Clara	CA	US	
Maydt, Jochen	Weinheim		DE	

US-CL-CURRENT: [382/224](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20020165837 A1

L13: Entry 2 of 5

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	
Carls, Garry	Tybee Island	GA	US	
Guberman, Sheliya	Saratoga	CA	US	

US-CL-CURRENT: [706/16](#); [382/156](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: DE 10110038 A1

L13: Entry 3 of 5

File: EPAB

Sep 19, 2002

PUB-NO: DE010110038A1

DOCUMENT-IDENTIFIER: DE 10110038 A1

TITLE: Automatic recognition and tracking of objects in image data in which a training set can be autonomously expanded and the classifier re-trained to recognize new objects and classifications

PUBN-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME

COUNTRY

KRESEL, ULRICH

DE

WOEHLER, CHRISTIAN

DE

INT-CL (IPC): G06 K 9/64

EUR-CL (EPC): G06K009/66; G06T007/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: DE 10110038 A1

L13: Entry 4 of 5

File: DWPI

Sep 19, 2002

DERWENT-ACC-NO: 2002-714563

DERWENT-WEEK: 200278

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TITLE: Automatic recognition and tracking of objects in image data in which a training set can be autonomously expanded and the classifier re-trained to recognize new objects and classifications

INVENTOR: KRESSEL, U; WOEHLER, C

PRIORITY-DATA: 2001DE-1010038 (March 2, 2001)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

DE 10110038 A1

September 19, 2002

005

G06K009/64

INT-CL (IPC): G06 K 9/64

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: WO 8809101 A, CA 1308486 C, DE 3875583 G, EP 313612 A, EP 313612 B1, JP 02500079 W, US 5086480 A

L13: Entry 5 of 5

File: DWPI

Nov 17, 1988

DERWENT-ACC-NO: 1988-338400

DERWENT-WEEK: 198847

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TITLE: Object identification by comparison of video image sub-array - using pixels within min. rectangle to generate code book contg. head and background vectors distinguished by flags

INVENTOR: SEXTON, G G; SEXTON, G

PRIORITY-DATA: 1987GB-0010737 (May 6, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 8809101 A</u>	November 17, 1988	E	020	
<u>CA 1308486 C</u>	October 6, 1992		000	H04N007/13
<u>DE 3875583 G</u>	December 3, 1992		000	H04N007/13
<u>EP 313612 A</u>	May 3, 1989	E	000	
<u>EP 313612 B1</u>	October 28, 1992	E	014	H04N007/13
<u>JP 02500079 W</u>	January 11, 1990		000	
<u>US 5086480 A</u>	February 4, 1992		000	

INT-CL (IPC): G06K 9/46; H04N 7/13; H04N 7/137

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Draw D
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Terms	Documents
"training set" near "image data"	5

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Refine Search

Search Results -

Terms	Documents
L27 and processor	42

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L28

Refine Search

Recall Text

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Interrupt

Search History

DATE: Wednesday, February 23, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L28</u>	L27 and processor	42	<u>L28</u>
<u>L27</u>	L26 and kernel	62	<u>L27</u>
<u>L26</u>	L24 and training and testing	169	<u>L26</u>
<u>L25</u>	10/056,438	1	<u>L25</u>
<u>L24</u>	(preprocessing or pre-processing) and feature and class\$8 and image near data and extract\$6	1084	<u>L24</u>
<u>L23</u>	(preprocessing or pre-processing) and feature and class\$8	4984	<u>L23</u>
<u>L22</u>	5649068.pn.	2	<u>L22</u>
<i>DB=USPT; PLUR=NO; OP=OR</i>			
<u>L21</u>	5649068.pn.	1	<u>L21</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L20</u>	6,128,608.pn.	2	<u>L20</u>
<u>L19</u>	training adj set near processor	2	<u>L19</u>

<u>L18</u>	"training set" near processor and feature and class\$2	0	<u>L18</u>
<u>L17</u>	"training set" near processor and (preprocessing or pre-processing) and feature and class\$2	0	<u>L17</u>
<u>L16</u>	"training set" same processor and (preprocessing or pre-preprocessing) and feature and classes	10	<u>L16</u>
<u>L15</u>	"training set" near processor and (preprocessing or pre-preprocessing) and feature and classes	0	<u>L15</u>
<u>L14</u>	L13 and preprocess	0	<u>L14</u>
<u>L13</u>	"training set" near "image data"	5	<u>L13</u>
<u>L12</u>	5,999,639.pn.	2	<u>L12</u>
<u>L11</u>	6,115,488.pn.	2	<u>L11</u>
<u>L10</u>	L6 and training near test	17	<u>L10</u>
<u>L9</u>	L6 training near test	1121	<u>L9</u>
<u>L8</u>	L6 and "training" near "image"	1	<u>L8</u>
<u>L7</u>	L6 and "training set" near "image data"	1	<u>L7</u>
<u>L6</u>	706/16.ccls.	295	<u>L6</u>
<u>L5</u>	5,479,573.pn.	2	<u>L5</u>
<u>L4</u>	5,729,661.pn.	2	<u>L4</u>
<u>L3</u>	5,842,189.pn.	2	<u>L3</u>
<u>L2</u>	10/017,015	2	<u>L2</u>
<u>L1</u>	10/016,616	1	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 42 of 42 returned.

☐ 1. Document ID: US 20050017488 A1

Using default format because multiple data bases are involved.

L28: Entry 1 of 42

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050017488

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050017488 A1

TITLE: Weight measuring systems and methods for vehicles

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 280/735

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 2. Document ID: US 20040209237 A1

L28: Entry 2 of 42

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040209237

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040209237 A1

TITLE: Methods and apparatus for characterization of tissue samples

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Flewelling, Ross F.	Oakland	CA	US	
Costa, Peter J.	Hudson	MA	US	
Sum, Stephen T.	Waltham	MA	US	
Schomacker, Kevin T.	Maynard	MA	US	
Jiang, Chunsheng	Reading	MA	US	

Clune, Thomas R. Ashburnham MA US

US-CL-CURRENT: 435/4; 600/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20040197012 A1

L28: Entry 3 of 42

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040197012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040197012 A1

TITLE: Method for on-line machine vision measurement, monitoring and control of organoleptic properties of products for on-line manufacturing processes

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bourg, Wilfred Marcellien JR.	Melissa	TX	US	
Bresnahan, Steven Andrew	Plano	TX	US	
Martin, Paul Allan	Celina	TX	US	

US-CL-CURRENT: 382/110

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20040190092 A1

L28: Entry 4 of 42

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040190092

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040190092 A1

TITLE: Scanning device for coded data

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Rusman, Jan	Balmain		AU	
Henderson, Peter Charles Boyd	Balmain		AU	
Moini, Alireza	Balmain		AU	
Yourlo, Zhenya Alexander	Balmain		AU	
Underwood, Matthew John	Balmain		AU	

Ridley, Nicholas Damon

Balmain

AU

US-CL-CURRENT: 358/539; 358/474

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D
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☐ 5. Document ID: US 20040190085 A1

L28: Entry 5 of 42

File: PGPB

Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040190085

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040190085 A1

TITLE: Sensing device for coded data

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Silverbrook, Kia	Balmain		AU	
Lapstun, Paul	Balmain		AU	
Henderson, Peter Charles Boyd	Blamain		AU	
Moini, Alireza	Balmain		AU	
Yourlo, Zhenya Alexander	Balmain		AU	
Underwood, Matthew John	Balmain		AU	
Ridley, Nicholas Damon	Balmain		AU	
Rusman, Jan	Balmain		AU	

US-CL-CURRENT: 358/474; 358/539

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D
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☐ 6. Document ID: US 20040151356 A1

L28: Entry 6 of 42

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040151356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040151356 A1

TITLE: Method, system, and computer program product for computer-aided detection of nodules with three dimensional shape enhancement filters

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Qiang	Clarendon Hills	IL	US	
Doi, Kunio	Willowbrook	IL	US	

US-CL-CURRENT: 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20040129478 A1

L28: Entry 7 of 42

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040129478

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040129478 A1

TITLE: Weight measuring systems and methods for vehicles

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 180/273; 280/735

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 20040091135 A1

L28: Entry 8 of 42

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040091135

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040091135 A1

TITLE: Method for on-line machine vision measurement, monitoring and control of product features during on-line manufacturing processes

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bourg, Wilfred M. JR.	Melissa	TX	US	
Bresnahan, Steven A.	Plano	TX	US	
Haarsma, Gabe Jan	Houston	TX	US	
MacGregor, John F.	Dundas	TX	CA	
Martin, Paul Allan	Celina		US	
Yu, Honglu	Hamilton		CA	

US-CL-CURRENT: 382/110

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 20040045758 A1

L28: Entry 9 of 42

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040045758

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040045758 A1

TITLE: Method for controlling output of a classification algorithm

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
Chen, Tie-Qi	Windsor	MI	CA.	
Piirainen, Ray	Romeo		US	

US-CL-CURRENT: 180/271; 702/127

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: US 20030227382 A1

L28: Entry 10 of 42

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030227382

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030227382 A1

TITLE: Low power remote asset monitoring

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	

US-CL-CURRENT: 340/539.13; 340/568.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 20030209893 A1

L28: Entry 11 of 42

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030209893

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030209893 A1

TITLE: Occupant sensing system

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Breed, David S.	Boonton Township	NJ	US	
DuVall, Wilbur E.	Kimberling City	MO	US	
Johnson, Wendell C.	Signal Hill	CA	US	

US-CL-CURRENT: 280/735; 701/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 12. Document ID: US 20030185450 A1

L28: Entry 12 of 42

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030185450
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030185450 A1

TITLE: Method and apparatus for acquisition, compression, and characterization of spatiotemporal signals

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garakani, Arman M.	Cambridge	MA	US	
Hack, Andrew A.	Prides Crossing	MA	US	
Roberts, Peter	Dedham	MA	US	
Walter, Sean	Needham	MA	US	

US-CL-CURRENT: 382/232

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 20030149603 A1

L28: Entry 13 of 42

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149603
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030149603 A1

TITLE: System and method for operating a non-linear model with missing data for use

in electronic commerce

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ferguson, Bruce	Round Rock	TX	US	
Hartman, Eric	Austin	TX	US	

US-CL-CURRENT: 705/7; 706/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 14. Document ID: US 20030140023 A1

L28: Entry 14 of 42

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030140023

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030140023 A1

TITLE: System and method for pre-processing input data to a non-linear model for use in electronic commerce

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ferguson, Bruce	Round Rock	TX	US	
Hartman, Eric	Austin	TX	US	

US-CL-CURRENT: 706/21; 706/15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 15. Document ID: US 20020165837 A1

L28: Entry 15 of 42

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165837 A1

TITLE: Computer-aided image analysis

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Hong	Savannah	GA	US	

Carls, Garry	Tybee Island	GA	US
Guberman, Shelija	Saratoga	CA	US

US-CL-CURRENT: 706/16; 382/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 16. Document ID: US 20020151992 A1

L28: Entry 16 of 42

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020151992 A1

TITLE: Media recording device with packet data interface

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hoffberg, Steven M.	West Harrison	NY	US	
Hoffberg-Borghesani, Linda I.	Acton	MA	US	

US-CL-CURRENT: 700/83; 700/17, 700/18, 700/86, 700/87

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 17. Document ID: US 20020135618 A1

L28: Entry 17 of 42

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020135618

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020135618 A1

TITLE: System and method for multi-modal focus detection, referential ambiguity resolution and mood classification using multi-modal input

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maes, Stephane Herman	Danbury	CT	US	
Neti, Chalapathy Venkata	Yorktown Heights	NY	US	

US-CL-CURRENT: 715/767

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 18. Document ID: US 6850252 B1

L28: Entry 18 of 42

File: USPT

Feb 1, 2005

US-PAT-NO: 6850252

DOCUMENT-IDENTIFIER: US 6850252 B1

TITLE: Intelligent electronic appliance system and method

DATE-ISSUED: February 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	West Harrison	NY	10994	

US-CL-CURRENT: 715/716; 380/252, 715/719, 715/727

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 19. Document ID: US 6775392 B1

L28: Entry 19 of 42

File: USPT

Aug 10, 2004

US-PAT-NO: 6775392

DOCUMENT-IDENTIFIER: US 6775392 B1

TITLE: Computer system linked by using information in data objects

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 20. Document ID: US 6732064 B1

L28: Entry 20 of 42

File: USPT

May 4, 2004

US-PAT-NO: 6732064

DOCUMENT-IDENTIFIER: US 6732064 B1

TITLE: Detection and classification system for analyzing deterministic properties of data using correlation parameters

DATE-ISSUED: May 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kadtke; James B.	La Jolla	CA		
Kremliovsky; Michael N.	San Diego	CA		

US-CL-CURRENT: 702/189

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 21. Document ID: US 6700990 B1

L28: Entry 21 of 42

File: USPT

Mar 2, 2004

US-PAT-NO: 6700990

DOCUMENT-IDENTIFIER: US 6700990 B1

TITLE: Digital watermark decoding method

DATE-ISSUED: March 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 22. Document ID: US 6681029 B1

L28: Entry 22 of 42

File: USPT

Jan 20, 2004

US-PAT-NO: 6681029

DOCUMENT-IDENTIFIER: US 6681029 B1

TITLE: Decoding steganographic messages embedded in media signals

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 23. Document ID: US 6640145 B2

L28: Entry 23 of 42

File: USPT

Oct 28, 2003

US-PAT-NO: 6640145

DOCUMENT-IDENTIFIER: US 6640145 B2

TITLE: Media recording device with packet data interface

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven	West Harrison	NY	10604	
Hoffberg-Borghesani; Linda	Acton	MA	01720	

US-CL-CURRENT: 700/83; 700/17, 700/19, 700/23, 704/200, 704/201, 704/7, 709/200, 709/201, 709/202

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 24. Document ID: US 6567533 B1

L28: Entry 24 of 42

File: USPT

May 20, 2003

US-PAT-NO: 6567533

DOCUMENT-IDENTIFIER: US 6567533 B1

TITLE: Method and apparatus for discerning image distortion by reference to encoded marker signals

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 25. Document ID: US 6553129 B1

L28: Entry 25 of 42

File: USPT

Apr 22, 2003

US-PAT-NO: 6553129

DOCUMENT-IDENTIFIER: US 6553129 B1

TITLE: Computer system linked by using information in data objects

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 26. Document ID: US 6549646 B1

L28: Entry 26 of 42

File: USPT

Apr 15, 2003

US-PAT-NO: 6549646

DOCUMENT-IDENTIFIER: US 6549646 B1

TITLE: Divide-and-conquer method and system for the detection of lung nodule in radiological images

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yeh; Hwa-Young Michael	Potomac	MD		
Lin; Jyh-Shyan	Potomac	MD		
Lure; Yuan-Ming Fleming	Potomac	MD		
Xu; Xin-Wei	Gaithersburg	MD		
Li; Ruiping	Rockville	MD		
Zhuang; Rong Feng	Hyattsville	MD		

US-CL-CURRENT: 382/132; 382/157, 382/199, 382/203, 382/205, 382/257, 382/274

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 27. Document ID: US 6463438 B1

L28: Entry 27 of 42

File: USPT

Oct 8, 2002

US-PAT-NO: 6463438

DOCUMENT-IDENTIFIER: US 6463438 B1

TITLE: Neural network for cell image analysis for identification of abnormal cells

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Veltri; Robert W.	Oklahoma City	OK		
Ashenayi; Kaveh	Tulsa	OK		
Hu; Ying	Tulsa	OK		

O'Dowd; Gerard J.

Edmond

OK

US-CL-CURRENT: 1/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachments	Claims	KMIC	Draw D
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☐ 28. Document ID: US 6400996 B1

L28: Entry 28 of 42

File: USPT

Jun 4, 2002

US-PAT-NO: 6400996

DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	West Harrison	NY	10994	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 700/83; 370/218, 370/355, 700/17, 700/24, 700/25, 700/86, 700/87,
709/223, 709/227; 715/810, 715/840, 715/841, 718/102, 719/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachments	Claims	KMIC	Draw D
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☐ 29. Document ID: US 6381341 B1

L28: Entry 29 of 42

File: USPT

Apr 30, 2002

US-PAT-NO: 6381341

DOCUMENT-IDENTIFIER: US 6381341 B1

TITLE: Watermark encoding method exploiting biases inherent in original signal

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhoads; Geoffrey B.	West Linn	OR		

US-CL-CURRENT: 382/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Attachments	Claims	KMIC	Draw D
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☐ 30. Document ID: US 6310967 B1

L28: Entry 30 of 42

File: USPT

Oct 30, 2001

US-PAT-NO: 6310967
DOCUMENT-IDENTIFIER: US 6310967 B1

TITLE: Normal and abnormal tissue identification system and method for medical images such as digital mammograms

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heine; John J.	New Port Richey	FL		
Clarke; Laurence P.	Temple Terrace	FL		
Deans; Stanley R.	Tampa	FL		
Stauduhar; Richard Paul	Kailua Kona	HI		
Cullers; David Kent	Menlo Park	CA		

US-CL-CURRENT: 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 31. Document ID: US 6112195 A

L28: Entry 31 of 42

File: USPT

Aug 29, 2000

US-PAT-NO: 6112195
DOCUMENT-IDENTIFIER: US 6112195 A

TITLE: Eliminating invariances by preprocessing for kernel-based methods

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burges; Christopher John	Freehold	NJ		

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 32. Document ID: US 5920477 A

L28: Entry 32 of 42

File: USPT

Jul 6, 1999

US-PAT-NO: 5920477
DOCUMENT-IDENTIFIER: US 5920477 A

TITLE: Human factored interface incorporating adaptive pattern recognition based controller apparatus

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	Yonkers	NY	10701-1705	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 382/181; 382/190, 700/83

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 33. Document ID: US 5912986 A

L28: Entry 33 of 42

File: USPT

Jun 15, 1999

US-PAT-NO: 5912986

DOCUMENT-IDENTIFIER: US 5912986 A

TITLE: Evidential confidence measure and rejection technique for use in a neural network based optical character recognition system

DATE-ISSUED: June 15, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shustorovich; Alexander	Rochester	NY		

US-CL-CURRENT: 382/156; 382/228

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 34. Document ID: US 5903454 A

L28: Entry 34 of 42

File: USPT

May 11, 1999

US-PAT-NO: 5903454

DOCUMENT-IDENTIFIER: US 5903454 A

TITLE: Human-factored interface incorporating adaptive pattern recognition based controller apparatus

DATE-ISSUED: May 11, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Linda Irene	Acton	MA	01720	
Hoffberg; Steven M.	West Harrison	NY	10604	

US-CL-CURRENT: 700/83; 382/155, 700/45, 700/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 35. Document ID: US 5867386 A

L28: Entry 35 of 42

File: USPT

Feb 2, 1999

US-PAT-NO: 5867386

DOCUMENT-IDENTIFIER: US 5867386 A

TITLE: Morphological pattern recognition based controller system

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	Yonkers	NY	10701-1705	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 700/83; 382/190, 382/203, 382/209

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 36. Document ID: US 5774357 A

L28: Entry 36 of 42

File: USPT

Jun 30, 1998

US-PAT-NO: 5774357

DOCUMENT-IDENTIFIER: US 5774357 A

TITLE: Human factored interface incorporating adaptive pattern recognition based controller apparatus

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffberg; Steven M.	West Harrison	NY	10604	
Hoffberg-Borghesani; Linda I.	Acton	MA	01720	

US-CL-CURRENT: 713/600; 348/110, 348/27, 348/734, 712/240, 712/245

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 37. Document ID: US 5740268 A

L28: Entry 37 of 42

File: USPT

Apr 14, 1998

US-PAT-NO: 5740268

DOCUMENT-IDENTIFIER: US 5740268 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: April 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: 382/132; 382/130, 382/199, 382/266

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 38. Document ID: US 5673332 A

L28: Entry 38 of 42

. File: USPT

Sep 30, 1997

US-PAT-NO: 5673332

DOCUMENT-IDENTIFIER: US 5673332 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: 382/128; 382/132, 382/199, 382/260

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 39. Document ID: US 5666434 A

L28: Entry 39 of 42

File: USPT

Sep 9, 1997

US-PAT-NO: 5666434

DOCUMENT-IDENTIFIER: US 5666434 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Nishikawa; Robert M.	Chicago	IL
Ema; Takehiro	Westmont	IL
Yoshida; Hiroyuki	Westmont	IL
Doi; Kunio	Willowbrook	IL

US-CL-CURRENT: [382/128](#); [382/130](#), [382/132](#), [382/199](#), [382/257](#), [382/260](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 40. Document ID: US 5598481 A

L28: Entry 40 of 42

File: USPT

Jan 28, 1997

US-PAT-NO: 5598481

DOCUMENT-IDENTIFIER: US 5598481 A

TITLE: Computer-aided method for image feature analysis and diagnosis in mammography

DATE-ISSUED: January 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishikawa; Robert M.	Chicago	IL		
Ema; Takehiro	Westmont	IL		
Yoshida; Hiroyuki	Westmont	IL		
Doi; Kunio	Willowbrook	IL		

US-CL-CURRENT: [382/130](#); [128/925](#), [382/132](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 41. Document ID: US 5442715 A

L28: Entry 41 of 42

File: USPT

Aug 15, 1995

US-PAT-NO: 5442715

DOCUMENT-IDENTIFIER: US 5442715 A

TITLE: Method and apparatus for cursive script recognition

DATE-ISSUED: August 15, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gaborski; Roger S.	Pittsford	NY		
Barski; Lori L.	Pittsford	NY		

US-CL-CURRENT: [382/187](#); [382/156](#), [382/173](#), [382/229](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 42. Document ID: US 5341142 A

L28: Entry 42 of 42

File: USPT

Aug 23, 1994

US-PAT-NO: 5341142

DOCUMENT-IDENTIFIER: US 5341142 A

TITLE: Target acquisition and tracking system

DATE-ISSUED: August 23, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reis; James J.	La Palma	CA		
Luk; Anthony L.	Rancho Palos Verdes	CA		
Lucero; Antonio B.	Anaheim	CA		
Garber; David D.	Cypress	CA		

US-CL-CURRENT: 342/64; 244/3.15, 244/3.16, 244/3.17, 244/3.19, 342/52, 342/53,
342/62, 342/63, 342/67

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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<u>L25</u>	10/056,438	1	<u>L25</u>
<u>L24</u>	(preprocessing or pre-processing) and feature and class\$8 and image near data and extract\$6	1084	<u>L24</u>
<u>L23</u>	(preprocessing or pre-processing) and feature and class\$8	4984	<u>L23</u>
<u>L22</u>	5649068.pn.	2	<u>L22</u>
	<i>DB=USPT; PLUR=NO; OP=OR</i>		
<u>L21</u>	5649068.pn.	1	<u>L21</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>		
<u>L20</u>	6,128,608.pn.	2	<u>L20</u>
<u>L19</u>	training adj set near processor	2	<u>L19</u>

<u>L18</u>	"training set" near processor and feature and class\$2	0	<u>L18</u>
<u>L17</u>	"training set" near processor and (preprocessing or pre-processing) and feature and class\$2	0	<u>L17</u>
<u>L16</u>	"training set" same processor and (preprocessing or pre-preprocesing) and feature and classes	10	<u>L16</u>
<u>L15</u>	"training set" near processor and (preprocessing or pre-preprocesing) and feature and classes	0	<u>L15</u>
<u>L14</u>	L13 and preprocess	0	<u>L14</u>
<u>L13</u>	"training set" near "image data"	5	<u>L13</u>
<u>L12</u>	5,999,639.pn.	2	<u>L12</u>
<u>L11</u>	6,115,488.pn.	2	<u>L11</u>
<u>L10</u>	L6 and training near test	17	<u>L10</u>
<u>L9</u>	L6 training near test	1121	<u>L9</u>
<u>L8</u>	L6 and "training" near "image"	1	<u>L8</u>
<u>L7</u>	L6 and "training set" near "image data"	1	<u>L7</u>
<u>L6</u>	706/16.ccls.	295	<u>L6</u>
<u>L5</u>	5,479,573.pn.	2	<u>L5</u>
<u>L4</u>	5,729,661.pn.	2	<u>L4</u>
<u>L3</u>	5,842,189.pn.	2	<u>L3</u>
<u>L2</u>	10/017,015	2	<u>L2</u>
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Web

Definitions of **preprocessing** on the Web:

Perform some transformation of the input or target data before it is presented to the neural network.
www.mathworks.com/access/helpdesk/help/toolbox/nnet/a_gloss.shtml

the process of preparing finite element input data involving model creation, mesh generation, material definition, and load and boundary condition application.
www.cosmosm.com/support/glossary.htm

Enhancement, transformation, or filtering of images before processing.
www.bannerengineering.com/literature_resources/reference/glossary_pplus.html

ANSYS analysis phase where you provide data such as the geometry, materials, and element types to the program.
www.nmt.edu/~ansys/ansys-5.5/glossary.htm

Computer processes certain data (files) before compilation of a given program.
cot.mccneb.edu/jmcgaha/Glossary.htm

In the phase of preprocessing there are all steps, that hang together with data preparing for the Rapid Prototyping systems. Here are included e.g. data transformation from CAD systems in STL format. Another step is creation of supporting geometry and the process of slicing - creation of individual slices, that are the basis for model production , layer by layer.
dempcae.fme.vutbr.cz/defbase/show-def.asp

Initial stages of data processing.
nivel.euitto.upm.es/tele/AYU/Dic/GLOS/GLOSPQ.HTM

a stage of compilation processing that occurs before the compiler proper is invoked. Preprocessing handles macro expansion among other things. In C++ use of const and inline functions makes preprocessing less important.
utam.geophys.utah.edu/~jingchen/computer_resource/C++C/glos.htm

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